

TECHSPEC® 20.0mm Dia. x 30.0mm FL, VIS-NIR Coated, Plano-Convex Lens



Stock **#45-707** ☐ In Stock
[Other Coating Options](#)

1 **C\$65.10**

ADD TO CART

Qty 1-9
C\$65.10
Qty 10+
C\$58.45
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):
30.00 @ 587.6nm

Back Focal Length BFL (mm): 27.30
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
Substrate: ☐ N-BAF10
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 4.50 ±0.10
Edge Thickness ET (mm): 1.84
Radius R₁ (mm): 20.10
Clear Aperture CA (mm): 19
f#: 1.5
Numerical Aperture NA: 0.33
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant